

IIMT ACADEMY

SYLLABUS BIFURCATION — CLASS XII (SESSION 2026-27)

1. UNIT TEST-1 (UT-1)

SUBJECTS	BIFURCATED CHAPTERS & TOPICS
ENGLISH CORE (301)	Section-A (Reading): Unseen passage Section-B (Writing): Notice Writing, Letter to the Editor Section-C (Literature): • Flamingo (Prose): Ch. 1- The Last Lesson, Ch. 2- Lost Spring, Ch. 3- Deep Water • Vistas (Prose): Ch. 1- The Third Level, Ch. 2- The Tiger King, Ch. 3- Journey to the end of the World • Flamingo (Poetry): Poem 1- My mother at Sixty-Six
MATHEMATICS CORE (041)	Chapter 1: Relations and Functions Chapter 2: Inverse Trigonometric Functions
APPLIED MATHEMATICS (241)	Chapter 1: Numbers, Quantification and Numerical Applications (Numerical Problems: Alligation, Boats, Pipes, Races, etc.) Chapter 2: Numerical Inequalities
PHYSICS (042)	Chap.1: Electric Charges and Fields Chap.2: Electrostatic Potential and Capacitance Chap.3: Current Electricity
CHEMISTRY (043)	Unit 1: Solution Unit 2: Electrochemistry
BIOLOGY (044)	Chapter 1: Sexual Reproduction in Flowering Plants Chapter 2: Human Reproduction Chapter 3: Reproductive Health
ACCOUNTANCY (055)	Unit II: Accounting for share capital
ECONOMICS (030)	Unit 4: Government Budget Unit 8: Comparative Development Experience of India, Pakistan and China
POLITICAL SCIENCE (028)	Book-1 (World Politics): Chapter-1: The End of Bipolarity, Chapter-2: Contemporary Centers Of Power Book-2 (India since Independence): Chapter-1: Challenges of Nation Building, Chapter-2: Era of one party dominance
HISTORY (027)	Book-1: Themes in Indian History • Chapter-1: Bricks, Beads and Bones • Chapter-2: Kings, Farmers and Towns
GEOGRAPHY (029)	Part 1: • Chapter 1: Human geography - nature and scope

	• Chapter 2: The world population Part B: • Chapter 1: Population: distribution, density, growth and composition
HINDI CORE (302)	आरोह भाग-2: भक्तिन, बाजार दर्शन, आत्म परिचय, एक गीत व्याकरण: अपठित गद्यांश, रचनात्मक लेखन
INFORMATICS PRACTICES (065)	Unit 2: Database Query using SQL
HOME SCIENCE (064)	Unit 1: Work, Livelihood and Career Unit 2: Nutrition, Food Science and Technology
PHYSICAL EDUCATION (048)	Unit 1: Management of Sporting Events Unit 2: Children and Women in Sports
PAINTING (049)	Unit 1: Rajasthani & Pahari School of Miniature Painting
HINDUSTANI MUSIC VOCAL (034)	Theory: Brief study of Alankar, Kan and Gram. Biography: Life sketch and Contribution of Bade Gulam Ali Khan. Taal Notation: Thah, Dugun, Tigun and Chaugun - Rupak. Raag: Critical study of Prescribed Raga Malkauns (recognizing phrases & elaborating).
AGRICULTURE (808)	Advance crop production

2. HALF-YEARLY EXAMINATION

SUBJECTS	BIFURCATED CHAPTERS & TOPICS
ENGLISH CORE (301)	Includes Complete Course of UT-I Syllabus. Section-A: Unseen passage Section-B: Formal/Informal Invitations & Replies, Job Application with Bio-data & Resume, Letter to Editor, Article Writing, Report Writing Section-C: • Flamingo (Prose): Ch. 4- The Rattrap, Ch. 5- Indigo, Ch. 6- Poets and Pancakes • Vistas (Prose): Ch. 4- The Enemy • Flamingo (Poetry): Poem 3- Keeping Quiet, Poem 4- The Thing of Beauty
MATHEMATICS CORE (041)	Includes chapters covered in UT-1. Chapter 3: Matrices Chapter 4: Determinants Chapter 5: Continuity and Differentiability Chapter 6: Application of Derivatives Chapter 7: Integrals
APPLIED MATHEMATICS (241)	Includes UT-1 syllabus. Chapter 3: Matrices Chapter 4: Determinants

	Chapter 5: Differentiation Chapter 6: Applications of Derivatives Chapter 7: Integrals
PHYSICS (042)	Includes UT-1 syllabus. Chap.4: Moving Charges and Magnetism Chap.5: Magnetism and Matter Chap.6: Electromagnetic Induction Chap.7: Alternating Current Chap.9: Ray Optics and Optical Instruments
CHEMISTRY (043)	Unit 1: Solution, Unit 2: Electrochemistry Unit 3: Chemical Kinetics Unit 4: d and f block elements Unit 5: Coordination Chemistry Unit 6: Haloalkanes and Haloarenes
BIOLOGY (044)	Chapter 6: Evolution Chapter 7: Human Health and Disease Chapter 8: Microbes in Human Welfare Chapter 11: Organisms and Populations Chapter 12: Ecosystem Chapter 13: Biodiversity and Conservation
ACCOUNTANCY (055)	Unit 1: Accounting for partnership Firms Unit 2: Accounting for companies
ECONOMICS (030)	Unit 1: National income and related aggregates Unit 5: Balance of Payment Unit 6: Development experience and Economic reforms
POLITICAL SCIENCE (028)	Book-1: Chapters 1, 2 + Chapter-3: Contemporary South Asia, Chapter-4: International Organizations, Chapter-5: Security in the contemporary World Book-2: Chapters 1, 2 + Chapter-3: Politics of Planned Development, Chapter-4: India's External Relations, Chapter-5: Challenges to and restoration of the Congress system
HISTORY (027)	Book-1: Chapters 1, 2 + Chapter-3: Kingship, Caste and Class, Chapter-4: Thinkers, beliefs and buildings Book-2: Chapter-5: Through the eyes of travellers, Chapter-6: Bhakti, Sufi Traditions, Chapter-7: An Imperial Capital of Vijayanagara, Chapter-8: Peasants, Zamindars and the State
GEOGRAPHY (029)	Includes UT-1 syllabus. Part 1: Chapter-3: Human development, Chapter 4: Primary activities, Chapter 5: Secondary activities Part B: Chapter 2: Human settlement, Chapter-3: land resources and agriculture
HINDI CORE (302)	गद्य पाठ: भक्तिन, बाजार दर्शन, काले मेघा पानी दे, पहलवान की ढोलक, शिरीष के फूल। पद्य पाठ: आत्म परिचय, एक गीत, पतंग, कविता के बहाने, बात सीधी थी पर, कमरे में बंद अपाहिज, उषा।

	वितान: सिल्वर वेडिंग, जूझ। व्याकरण व अभिव्यक्ति: अपठित गद्यांश/पद्यांश, विभिन्न माध्यमों के लिए लेखन, पत्र कार्य लेखन के विभिन्न रूप और प्रक्रिया, विशेष लेखन स्वरूप, अप्रत्याशित विषयों पर रचनात्मक लेखन
INFORMATICS PRACTICES (065)	Unit 1: Data Handling using Pandas and Data Visualization Unit 2: Database Query using SQL
HOME SCIENCE (064)	Unit 3: Human Development and Family Studies Unit 4: Fabric and Apparel
PHYSICAL EDUCATION (048)	Unit 1: Management of Sporting Events Unit 2: Children and Women in Sports Unit 3: Yoga as Preventive Measure for Lifestyle Disease Unit 4: Physical Education & Sports for CWSN (Divyang) Unit 5: Sports & Nutrition Unit 6: Test & Measurement in Sports
PAINTING (049)	Unit 2: Mughal & Deccan School of Miniature Painting
HINDUSTANI MUSIC VOCAL (034)	Notation: Writing Compositions of Prescribed Ragas - Bhairav (Chota khayal), Malkauns (Dhamar, Tarana). Theory: Brief study of Meend, Gamak; Detail study of Sangeet Ratnakar. Taal Notation: Thah, Dugun, Tigun and Chaugun - Dhamar. Biography: Pt. Krishan Rao.
AGRICULTURE (808)	Chapter 1: Advance crop production Chapter 2: Organic farming Chapter 3: Kitchen Gardening + Employability Skills

3. PRE-BOARD EXAMINATION (COMPREHENSIVE SYLLABUS)

SUBJECTS	BIFURCATED CHAPTERS & TOPICS
ENGLISH CORE (301)	Complete Syllabus covered in past terms + New Additions: • Flamingo (Prose): Ch. 7- Interview, Ch. 8- Going Places • Vistas (Prose): Ch. 6- On the Face of it, Ch. 8- Memories of Childhood • Flamingo (Poetry): Poem 5- The Roadside Stand, Poem 6- Aunt Jennifer's Tigers Includes Assessment of Listening and Speaking Skills (ALS).
MATHEMATICS CORE (041)	Complete Textual Course Evaluation: • Chapters 1 to 7 Complete (Relations, Inverse Trigo, Matrices, Determinants, Continuity, AOD, Integrals) • New Additions: Chapter 8: Application of Integrals, Chapter 9: Differential Equations, Chapter 10: Vector Algebra, Chapter 11: Three Dimensional Geometry, Chapter 12: Linear Programming, Chapter 13: Probability

APPLIED MATHEMATICS (241)	Chapters 1 to 7 Complete + New Additions: • Chapter 8: Differential Equations and Modeling • Chapter 9: Probability Distributions • Chapter 10: Inferential Statistics • Chapter 11: Index Numbers and Time-Based Data • Chapter 12: Financial Mathematics (Perpetuity, Sinking Funds, Bonds, EMI) • Chapter 13: Linear Programming
PHYSICS (042)	Chapters 1 to 7, and 9 Complete + New Additions: • Chap.8: Electromagnetic Waves, Cap.10: Wave Optics, Chap.11: Dual Nature of Radiation and Matter, Chap.12: Atoms, Chap.13: Nuclei, Chap.14: Semiconductor Devices
CHEMISTRY (043)	Units 1 to 6 Complete + New Additions: • Unit 7: Alcohols, Phenol and Ether • Unit 8: Aldehyde, Ketone and Carboxylic acid • Unit 9: Amines and benzene diazonium salt • Unit 10: Biomolecules Note: PB-1 covers Unit 4 (d & f block), PB-2 incorporates financial analysis criteria conceptually.
BIOLOGY (044)	Full Syllabus Containment Encompassing Parts 1 & 2 + New Additions: • Chapter 4: Principles of Inheritance and Variation • Chapter 5: Molecular Basis of Inheritance • Chapter 9: Biotechnology - Principles and Processes • Chapter 10: Biotechnology and its Applications
ACCOUNTANCY (055)	Full Textbook Course Evaluation Across Board Stages: • Pre-Board 1: Unit 1 (Partnership), Unit 2 (Companies), Unit 3 (Cash Flow Statement) • Pre-Board 2: Unit 1 (Partnership), Unit 2 (Companies), Unit 3 (Financial Statement Analysis)
ECONOMICS (030)	Complete Syllabus: Units 1, 4, 5, 6, 8 Complete + Unit 2: Money and Banking, Unit 3: Determination of Income and Employment, Unit 7: Current Challenges Facing Indian Economy
POLITICAL SCIENCE (028)	Complete Syllabus Framework Across Books: • Book-1: Chapters 1 to 5 Complete + Chapter-6: Environment and Natural Resources, Chapter-7: Globalization • Book-2: Chapters 1 to 5 Complete + Chapter-6: The Crisis of Democratic Order, Chapter-7: Regional Aspirations, Chapter-8: Recent Developments in Indian Politics (India's Foreign Policy)
HISTORY (027)	Books 1 and 2 Complete + Book-3 New Additions: • Chapter-9: Colonialism and the Countryside • Chapter-10: Rebels and Raj • Chapter-11: Mahatma Gandhi and the National Movement • Chapter-12: Framing the Constitution

GEOGRAPHY (029)	Full Syllabus Compilation (UT-1 and Half-Yearly baseline included) + New Chapters: • Part 1: Chapter 6- Tertiary/Quaternary activities, Chapter 7- Transport/communication, Chapter 8- International trade • Part-B: Chapter 4- Water resources, Chapter 5- Mineral/energy resources, Chapter 6- Planning & sustainable development, Chapter 7- Transport/communication, Chapter 8- International trade, Chapter 9- Geographical perspective on selected issues
HINDI CORE (302)	पूर्ण पाठ्यक्रम (Cumulative Syllabus): • गद्य पाठ: पूर्व के पाठ + श्रम विभाजन • पद्य पाठ: पूर्व के पाठ + बादल राग, कवितावली, लक्ष्मण मूर्छा और राम का विलाप, रुबाइयां, छोटा मेरा खेत, बगुलो के पंख • वितान: पूर्व के पाठ + अतीत के दबे पांव • व्याकरण व माध्यम: संपूर्ण माध्यम विषय + कहानी का नाट्य रूपांतरण, रेडियो नाटक निर्माण, अप्रत्याशित विषयों पर लेखन
INFORMATICS PRACTICES (065)	Full Core Framework Evaluation: • Unit 1: Data Handling & Visualization, Unit 2: Database SQL Query • New Additions: Unit 3: Introduction to Computer Networks, Unit 4: Societal Impacts
HOME SCIENCE (064)	Full Textbook Course Syllabus Evaluation: Units 1 to 4 Complete + Unit 5: Resource Management, Unit 6: Communication and Extension
PHYSICAL EDUCATION (048)	Units 1 to 6 Complete + New Additions: • Unit 7: Physiology & Injuries in Sports, Unit 8: Biomechanics & Sports, Unit 9: Psychology & Sports, Unit 10: Training in Sports
PAINTING (049)	Unit 1, Unit 2, and Unit 3 Cumulative Evaluation. Final Examination Topics include: Rajasthani & Pahari School, Mughal & Deccan School, Bengal School & Modern Art
HINDUSTANI MUSIC VOCAL (034)	Complete Evaluation Structure: • Theoretical components: Alankar, Kan, Meend, Gamak, Gram, Murchhana, Tana. • Historical Studies: Historical development of Time Theory of Ragas, Sangeet Ratnakar, Sangeet Parijat. • Biographies: Bade Gulam Ali Khan, Pt. Krishan Rao, Ustad Faiyaz Khan. • Talas: Rupak, Dhamar, Jhaptal (Thah, Dugun, Tigun, Chaugun). • Practical: Tuning of Tanpura, Critical study & recognition of Ragas (excluding Bhairav, Malkauns, Bageshwari).
AGRICULTURE (808)	Complete Course Framework Valuation: Chapter 1: Advance crop production, Chapter 2: Organic farming + Chapter 3: Post harvest management, Chapter 4: Food processing and value addition, Chapter 5: Subsidiary enterprises of agriculture Includes complete structural evaluation of Employability Skills.